

MEXICAN CLIMATOLOGICAL DATA.

By Señor MANUEL E. PASTRANA, Director of the Central Meteorologic-Magnetic Observatory.

November, 1905.

Stations.	Altitude.	Mean barometer.*	Temperature.			Relative humidity.	Precipitation.	Prevailing direction.	Wind.	Cloud.
			Max.	Min.	Mean.					
Aguascalientes.....	6,330	24.15	° F. Ft.	Inches.	° F. 80.2	° F. 40.6	° F. 63.0	% 66	Ins. 0.00	ne.
(Seminario.)										.....
C. Juarez.....	3,805	25.68	78.8	38.5	53.6	83	2.74	.....	
Chihuahua.....	4,684	25.31	76.1	41.4	57.0	61	2.74	ne.	sw.	
Colima (Seminario)	1,663	28.37	91.0	61.2	75.9	76	0.28	sw.	.....
Culiacan.....	112	29.74	92.8	58.6	75.4	81	6.48	ne.	.....
Guadalajara.....	5,186	24.98	80.6	51.8	67.1	72	0.80	.....	
(Obs. Ast.)										
Guadalajara.....		25.06	84.6	50.7	66.0	65	0.40	n.w.	.....
(Seminario.)										
Hogotitan, Hda.....	5,228	24.98	82.8	41.0	64.0	73	0.28	se.	.....
Jalisco (Jalasco.)										
Guanajuato.....	6,717	23.74	83.5	47.1	65.3	53	0.17	sw.	.....
Jalapa.....	4,681	25.59	82.0	53.2	64.4	84	4.65	n.	.....
Lampazos.....	1,181	28.94	93.2	48.2	63.5	81	2.49	n.	.....
Leon.....	5,906	24.39	80.6	47.1	65.1	66	0.31	s.	.....
Linares.....	1,188	28.78	91.4	46.4	67.5	85	.....		
Mazatlan.....	24	23.96	86.4	62.4	77.5	80	5.48	n.w.	w.	
Mexico (Obs. Cent.)	7,472	23.07	74.8	44.6	59.5	64	0.24	n.w.	sw.	
Morelia (Seminario)	6,401	24.16	79.7	50.9	60.8	64	0.10	s.	se.	
Puebla (Col. d Est.)	7,118	23.42	83.5	38.1	60.4	65	0.24	ne.	ne.	
San Juan de Ulua.....	39	30.01	86.0	68.2	82.2	63	2.94	n.w.	.....
San Luis Potosi.....	6,202	24.14	78.8	46.4	63.5	87	0.30	e.	.....
Zacatecas.....	8,015	22.60	77.4	43.7	58.3	59	0.89	sw.	ne.	

December, 1905.

Stations.	Altitude.	Mean barometer.*	Temperature.			Relative humidity.	Precipitation.	Prevailing direction.	Wind.	Cloud.
			Max.	Min.	Mean.					
Aguascalientes.....	6,330	.....	.....	.....	.....	.....	.....	.....	.....	.....
(Seminario.)										
C. Juarez.....	3,805	26.24	59.0	31.3	40.8	82	0.83	.....	
Chihuahua.....	4,684	25.81	76.1	44.1	57.0	61	2.89	ne.	sw.	
Colima (Seminario)	1,663	28.54	91.8	51.6	70.2	74	4.81	n.	.....
Culiacan.....	112	29.76	87.8	38.8	66.6	72	0.81	ese.	.....
Guadalajara.....	5,186	24.96	77.0	37.4	59.0	66	1.48	n.	.....
(Obs. Ast.)										
Guadalajara.....		25.02	79.2	38.7	57.9	61	2.00	sw.	.....
(Seminario.)										
Hogotitan, Hda.....	5,228	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jalisco (Jalasco.)										
Guanajuato.....	6,717	23.66	81.7	35.1	56.5	52	2.72	w.	.....
Jalapa.....	4,681	25.59	80.4	41.5	55.4	86	3.65	.....	.....
Lampazos.....	1,181	28.99	80.6	32.9	59.6	73	2.20	n.	.....
Leon.....	5,906	24.35	76.6	36.9	57.0	71	2.08	s.	.....
Linares.....	1,188	28.84	78.8	28.4	52.7	73	2.40	.....	
Mazatlan.....	24	29.98	79.5	55.9	69.8	74	3.17	n.w.	w.	
Mexico (Obs. Cent.)	7,472	23.07	73.4	33.6	52.7	60	0.07	.....	
Morelia (Seminario)	6,401	23.95	78.3	35.6	54.9	60	0.71	se.	.....
Pueblo (Col. d Est.)	7,118	23.39	74.8	34.2	52.2	68	0.71	ne.	.....
San Juan de Ulua.....	39	30.06	79.5	55.6	68.0	81	.....	n.	.....
San Luis Potosi.....	6,202	24.11	74.8	30.2	54.5	57	0.87	e.	.....
Zacatecas.....	8,015	22.55	74.5	41.9	47.7	59	2.44	sw.	.....

January, 1906.

Stations.	Altitude.	Mean barometer.*	Temperature.			Relative humidity.	Precipitation.	Prevailing direction.	Wind.	Cloud.
			Max.	Min.	Mean.					
C. Juarez.....	3,805	26.27	67.5	31.3	40.5	77	0.68	n.w.	.....
Chignahuapan.....	8,276	22.41	72.5	20.5	45.9	54	T	.....	
Chihuahua.....	4,684	25.37	79.7	23.7	45.1	43	0.02	e.	sw.	
Colima (Seminario)	1,663	28.54	87.8	48.7	69.3	78	0.79	sw.	.....
Guadalajara.....	5,186	24.94	75.2	33.8	58.1	54	T	.....	
(Obs. Ast.)										
Guanajuato.....	6,717	23.71	81.0	25.2	54.9	40	0.05	w.	.....
Jalapa.....	4,681	25.62	81.0	26.6	48.8	80	1.06	n.	.....
Lampazos.....	1,181	29.00	86.9	32.7	52.5	62	.....	n.	.....
Leon.....	5,906	24.38	73.6	25.5	54.9	57	0.07	w.	sw.	
Linares.....	1,188	28.84	86.0	26.6	56.1	58	0.47	s.	.....
Mazatlan.....	24	30.00	82.6	56.7	69.6	87	1.53	n.w.	w.	
Mexico (Obs. Cent.)	7,472	23.09	72.0	27.3	51.4	53	.....		
Monterey.....	1,625	28.16	85.1	33.1	52.9	42	0.05	ne.	n.	
Morelia (Seminario)	6,401	23.96	73.4	35.6	60.6	61	0.00	n.	.....
Parral.....	5,674	24.61	79.2	14.0	45.7	50	0.50	w.	w.	
Pueblo (Col. d Est.)	7,118	23.40	75.6	28.6	51.6	55	T	ne.	s.	
Saltillo.....	5,399	24.87	72.9	22.5	46.9	63	T	sw.	.....
San Luis Potosi.....	6,202	24.13	71.6	39.2	50.9	60	0.28	e.	.....
Zacatecas.....	8,015	22.55	76.8	18.5	46.0	49	0.65	sw.	s.	

*The monthly barometric means are reduced to the international standard of gravity.

MONTHLY WEATHER REVIEW.

MARCH, 1906

MEXICAN CLIMATOLOGICAL DATA.

By Señor MANUEL E. PASTRANA, Director of the Central Meteorologic-Magnetic Observatory.

November, 1905.

RAINFALL IN JAMAICA.

Through the kindness of Dr. H. H. Cousins, chemist to the government of Jamaica and now in charge of the meteorological service of that island, we have received the following table.

Comparative table of rainfall.

[Based upon the average stations only.]

MARCH, 1906.

Divisions.	Relative area.	Number of stations.	Rainfall.	
			1906.	Average.
Northeastern division	25	23	8.28	4.84
Northern division	22	50	3.49	2.59
West-central division	26	22	5.85	4.68
Southern division	27	32	4.37	2.81
Means	100		5.50	3.73

The rainfall for March was therefore very much above the average for the whole island. The greatest fall, 20.49 inches, occurred at Shrewsbury, in the northeastern division, while the least, 0.42 inch, was recorded at Bull Bay, in the southern division.

COSTA RICAN CLIMATOLOGICAL DATA.

Communicated by Señor Anastasio Alfaro, director of the Physico-Geographic Institute of San José.

FEBRUARY, 1906.

[Altitude, San José, 3835 feet. $\phi = 9^{\circ} 56' 13'' N$. $\lambda = 84^{\circ} 4' 10.75'' W$. of Greenwich.]

Temperature:	° F.	
	Mean	Average of daily maxima
Mean	66.6	79.5
Average of daily minima	57.8	67.6
Highest temperature of the month	87.6	87.6
Lowest temperature of the month	54.0	54.0

Pressure:

Pressure:	Inches.	
	Mean, corrected for temperature	26.30
Maximum, corrected for temperature	26.39	26.39
Minimum, corrected for temperature	26.12	26.12
Mean, reduced to standard gravity	26.20	26.20
Mean, reduced to sea level	30.08	30.08

Relative humidity:

Relative humidity:	Per cent.	
	Mean	97.0
Maximum
Minimum	41.0

Rainfall:

Rainfall:	.....	0.181
Total for the month, inches .....	.....	0.181
Duration, in hours .....	.....	5:34

Miscellaneous phenomena:

Miscellaneous phenomena:	